

Overview for ThinkPad USB 3.0 Ultra Dock (40A80045WW)

The ThinkPad USB 3.0 Ultra Dock is an universal USB docking solution that not only delivers a premium display experience (up to 4k2k resolution via DP port), but also provides quick and easy connection to all the workspace peripherals you use every day. Simply plug in a single USB 3.0 cable into your Lenovo PC for instant access to up to two external monitors, USB ports, Gigabit Ethernet, headphones/speakers, USB printers, scanners, keyboard, mouse and so on for daily use. The Dock can also charge your mobile devices via two USB always power on ports.

Dock requires included AC power to operate.

ThinkPad USB 3.0 Ultra Dock offers a quick and easy connection to your workspace peripherals and storage for your ThinkPad laptops & Lenovo laptops.

Connectivity

- 4x USB 3.0 – 2 provide always-on mobile device charging
- 2x USB 2.0
- 1x USB 3.0 upstream connector
- 1x HDMI
- 1x DP
- 1x Gigabit Ethernet
- 1x Stereo/Mic Combo Port
- 1 x Security lock hole

Other Features

- Power button to turn unit on and off

Note:

The ThinkPad USB 3.0 Ultra Dock supports the videos with a frame rate slower than and equal to 24 fps. It consumes the notebook computer resource a lot when you play the video on the external monitor with a configured resolution of 3840x2160 pixels (30Hz). For smooth video playback, refer to the recommended system requirements at “System requirement” on the User Guide. The video with a frame rate faster than 24 fps may not be able to be played smoothly. You can downgrade the resolution of your external monitor to achieve better performance.

| Monitor Type | Monitor Resolution | Display | Supported Video Frame Rate(maximum) |
|--------------|--------------------------|---------|-------------------------------------|
| Ultra HD | 3840x2160(30Hz) | 24fps | |
| | 2560x1600(60Hz) or lower | 60fps | |
| QHD | 2560x1600(60Hz) or lower | 60fps | |
| Full HD | 1920x1080(60Hz) or lower | 60fps | |
| HD+ | 1600x900(60Hz) or lower | 60fps | |
| HD | 1366x768(Hz) or lower | 60fps | |

Note: The video playback performance could be affected by the host PC CPU type and speed, GPU vendor, DRAM system speed, background processes running in Windows OS, video codec used to encode the video, media player etc.

Resolution/Refresh Rate

| No. of video ports connected | DP(maximum) | HDMI(maximum) |
|------------------------------|--------------------|--------------------|
| Single | 3840 x 2160 / 30Hz | Not connected |
| Single | Not connected | 2560 x 1440 / 50Hz |
| Dual Display | 2048 x1152 / 60Hz | 2048 x1152 / 60Hz |

PHYSICAL SPECIFICATIONS

- Approximate height: 32 mm
- Approximate width: 150 mm
- Approximate depth: 80 mm
- Approximate weight: 224 g

ThinkPad USB 3.0 Ultra Dock in Package:

- Approximate height: 64mm
- Approximate width: 214mm
- Approximate depth: 182mm
- Approximate weight: 728g

OPERATING ENVIRONMENT

- Temperature: - 5 degrees C (23 degrees F) to + 40 degrees C (104 degrees F)
- Relative humidity: 20% to 95%

AGENCY APPROVALS

- FCC/ICES
- CE
- KCC
- RCM
- BSMI
- VCCI
- CB
- UL+cUL
- EAC
- TUV- Mark
- Serbia Kvalitet
- South Africa SABS&LoA
- Israel SII
- Ukraine DoC

CABLE ORDERS REQUIRED: No

PACKAGING: One box (plain brown box)

SHIPMENT GROUP

- ThinkPad USB 3.0 Ultra Dock
- 45W Power adapter
- Power cord
- USB 3.0 Cable
- Warranty Poster

WARRANTY TERMS

3 Years

CHARGES - FRU PARTS

Field Replaceable Units (FRU)

| US/CAN | Dock FRU PN | Power Adapter FRU | Line Cord FRU | USB3.0 Cable FRU | H | CRU | Option PN |
|------------------------------------------|----------------|-------------------------|---------------------|------------------------|---|-----|------------|
| ThinkPad USB 3.0 Ultra Dock-US, CAN, MX | 03X6898 | 45N0475 | 42T5008 | 03X6956 | R | YES | 40A80045US |
| AP | | | | | | | |
| ThinkPad USB 3.0 Ultra Dock-Japan | 03X6898 | 45N0475 | 42T5014 | 03X6956 | R | YES | 40A80045JP |
| ThinkPad USB 3.0 Ultra Dock-India | 03X6898 | 45N0475 | 42T5083 | 03X6956 | R | YES | 40A80045IN |
| ThinkPad USB 3.0 Ultra Dock-HK | 03X6898 | 45N0475 | 42T5035 | 03X6956 | R | YES | 40A80045UK |
| ThinkPad USB 3.0 Ultra Dock-Australia | 03X6898 | 45N0475 | 42T5050 | 03X6956 | R | YES | 40A80045AU |
| ThinkPad USB 3.0 Ultra Dock-Korea | 03X6898 | 45N0475 | 42T5077 | 03X6956 | R | YES | 40A80045KO |
| ThinkPad USB 3.0 Ultra Dock-China | 03X6898 | 45N0475 | 42T5065 | 03X6956 | R | YES | 40A80045CN |
| ThinkPad USB 3.0 Ultra Dock-Taiwan | 03X6898 | 45N0475 | 42T5071 | 03X6956 | R | YES | 40A80045TW |
| ThinkPad USB 3.0 Ultra Dock-Indonesia | 03X6898 | 45N0475 | 42T5029 | 03X6956 | R | YES | 40A80045EU |
| ThinkPad USB 3.0 Ultra Dock-Sri Lanka | 03X6898 | 45N0475 | 42T5035 | 03X6956 | R | YES | 40A80045UK |
| LA | | | | | | | |
| ThinkPad USB 3.0 Ultra Dock-Argentina | 03X6898 | 45N0475 | 42T5020 | 03X6956 | R | YES | 40A80045AR |
| ThinkPad USB 3.0 Ultra Dock-Brazil | 03X6898 | 45N0475 | 42T5180 | 03X6956 | R | YES | 40A80045BR |
| EMEA | | | | | | | |
| ThinkPad USB 3.0 Ultra Dock-EU | 03X6898 | 45N0475 | 42T5029 | 03X6956 | R | YES | 40A80045EU |
| ThinkPad USB 3.0 Ultra Dock-Saudi Arabia | 03X6898 | 45N0475 | 42T5035 | 03X6956 | R | YES | 40A80045UK |
| ThinkPad USB 3.0 Ultra Dock-Denmark | 03X6898 | 45N0475 | 42T5041 | 03X6956 | R | YES | 40A80045DE |
| ThinkPad USB 3.0 Ultra Dock-South Africa | 03X6898 | 45N0475 | 42T5056 | 03X6956 | R | YES | 40A80045SA |
| ThinkPad USB 3.0 Ultra Dock-UK | 03X6898 | 45N0475 | 42T5035 | 03X6956 | R | YES | 40A80045UK |

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|-----------------------------------------|---------|---------|---------|---------|---|-----|------------|
| ThinkPad USB 3.0 Ultra Dock-Switzerland | 03X6898 | 45N0475 | 42T5044 | 03X6956 | R | YES | 40A80045SW |
| ThinkPad USB 3.0 Ultra Dock-Italy | 03X6898 | 45N0475 | 42T5047 | 03X6956 | R | YES | 40A80045IT |
| ThinkPad USB 3.0 Ultra Dock-Israel | 03X6898 | 45N0475 | 42T5062 | 03X6956 | R | YES | 40A80045IS |

The following Web link can be used to see the list of current service

<http://www.lenovo.com/support>